

Recombinant Human A1CF 293 Cell Lysate

Cat. No. A1CF-9165HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for APOBEC1 complementation factor (A1CF), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

A1CF APOBEC1 complementation factor [Homo sapiens]

Official Symbol

A1CF

Synonyms

A1CF; APOBEC1 complementation factor; ACF; ACF64; ACF65; APOBEC1CF; ASP; apo-B RNA editing protein; APOBEC-1 stimulating protein; apobec-1 complementation factor (ACF) (ASP); RP11-564C4.2; MGC163391;

Gene ID

29974

mRNA Refseq

NM_001198818

Protein Refseq

NP_001185747

UniProt ID

Q9NQ94

Chromosome Location

10q21.1

Pathway

Formation of the Editosome, organism-specific biosystem; Gene Expression, organism-specific biosystem; mRNA Editing, organism-specific biosystem; mRNA Editing: C to U Conversion, organism-specific biosystem;

Function

RNA binding; cytosine deaminase activity; NOT double-stranded RNA binding; mRNA binding; nucleic acid binding; nucleotide binding; protein binding; single-stranded

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RNA binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA